The Builder

A JOURNAL FOR THE

Architect, Engineer, Operative & Artist.

VOL. IX.—No. 422. MARCH 8, 1851. PRICE FOURPENCE. Stamped 5d.

ILLUSTRATIONS.

Nineveh and Persepolis: Palace Court, Khorsabad — Principal Rooms at same — Hall of Xerxes at Persepolis 149
The Coffee Room, Army and Navy Club: Messrs. Parnell and Smith, Architects 155

CONTENTS.

The Architecture of Nineveh and Persepolis restored—Mr. Ferguson's new work 147
Professor Cockerell's Fifth Lecture 148
Cast Iron Work: Barbadoes and Buckingham Palace 149
Relics of the Holy Land 149
The Unity of Art 150
Fires in the City 151
Fires in the Provinces 151
Engineering and Architectural Doings in Ireland 152
Iron Buildings not a Novelty 152
Foreign Intelligence 153
The Reform of our National Costume 154
Colour in Nature and Decoration 154
The Army and Navy Club house, Pall Mall 155
Sale of some of the London Roads 157
Erecting the Exhibition Building 157
Construction of the Border Bridge over the Tweed: Institution of Civil Engineers 157
Mineral Asphalte at Westwich 157
Drawing Water from Long Distances 157
Public Drinking-fountains 158
Metropolitan Commission of Sewers 158
Special Contributions for the Institute of Architects 158
The Superintendent of Steam Power 158
French Archæological Association 159
Books: Burke's Supplement to Godson on Patent Law, &c. (Benning); Gore on Poor Dwellings (Ridgway); Reid on Chemistry (Bullivant); Manchester Boiler Report 159
Miscellanea 159

ADVERTISEMENTS.

GOVERNMENT SCHOOLS of DESIGN. —An EXHIBITION of the WORKS of the STUDENTS of the Head School, SOMERSET-HOUSE, and of the Branch Schools throughout the Kingdom, will be OPEN, FREE, to the Public, on and after MONDAY, the 17th of March, 1851.
WALTER RUDING DEVERELL, Secretary.

ROYAL ACADEMY of ARTS, Trafalgar-square.—NOTICE to ARTISTS.—All works of Painting, Sculpture, or Architecture intended for the ensuing EXHIBITION of the ROYAL ACADEMY must be sent in on MONDAY, the 7th, or by six o'clock in the evening of TUESDAY, the 8th of APRIL, after which time no work can possibly be received, nor can any works be received which have already been publicly exhibited. The other regulations necessary to be observed may be obtained at the Royal Academy.
JOHN PRESCOTT KNIGHT, R.A., Secretary.
Every possible care will be taken of works sent for exhibition, but the Royal Academy will not hold itself accountable in any case of injury or loss, nor can it undertake to pay the carriage of any package which may be forwarded by carriers. The prices of works to be disposed of may be communicated to the Secretary.

TO ARCHITECTS.
PLANS and SPECIFICATIONS are required for MATRIS and WASHHOUSES for the poor of the City of Oxford, the expense of erection, together with the fittings and to extend £600. The plans to be sent in under a motto, and accompanied by a sealed letter, containing the name and address of the author. A lithographic plan of the site may be obtained upon application to the Town Clerk, Oxford, to whom the plans are to be sent on or before the 22nd day of March, 1851, directed to "The Chairman of the Baths and Washhouses Committee."
Oxford, Feb. 28, 1851.

TO ARCHITECTS.
COMPETITON PLANS.—WANTED, for the DUNDEE ROYAL INFIRMARY, COMPETITION PLANS and ESTIMATES for the ERECTION of a new, but plain and substantial HOSPITAL, to accommodate 300 Patients, but to be susceptible of enlargement, if necessary, hereafter: due regard being had to modern improvements in drainage, ventilation, and internal arrangements. The sum to be placed upon a premium of £50 will be given for the approved Plan. Competitors to furnish Plans and Specifications to a scale of one inch and a quarter to a foot, and the Drawings to be coloured with China Ink or sepia only. The designer shall, together with the plans, furnish an estimate of the cost of the work. The stone to be from the Lochee Quarries, or from any of the quarries in the neighbourhood affording stone of similar quality. If it be proposed to use any other stone, the particular kind to be specified. Intending competitors are requested to keep in view a Report by Professor Christison and Sir Robert Carmichael, Committee of the Infirmary on the subject of a New Hospital. Copies of that report, a lithographed sketch, and section of the intended site, and all additional information necessary, will be obtained on application to Mr. JOHN ROBERTSON, Secretary of the Infirmary, No. 11, Wellgate, Dundee, with whom the Plans and Estimates must be lodged on or before the 20th of April next. Each set of Drawings to have a motto as much corresponding to one on the back of a sealed note inside of which the name and address of the author shall be given. The sealed note of the successful competitor only to be opened. The Plans of unsuccessful competitors will be returned according to the directions of parties daily such stand to receive them.
J. ROBERTSON, Secretary.

TO ARCHITECTS.
THE time for sending in PLANS, SPECIFICATIONS, and ESTIMATES for the ERECTION of a NEW WORKHOUSE for the MARKET DRAYTON UNION, EXTENDED until the 8th APRIL next.
[illegible]

WILTS: PAUPER LUNATIC ASYLUM. —TENDERS for FURNITURE—Persons desirous of supplying all or any part of the various articles of furniture for the patients' apartments at the Pauper Lunatic Asylum, at Devizes, in the county of Wilts, are requested to send in Tenders for the same, specifying the price of each article to Mr. ROBERT NE, Clerk to the Committee of Visitors, Wilton, near Salisbury, on or before the 8th day of March instant.—Patterns of the furniture may be seen, and any further information obtained, on application to Mr. GILBERT HOWITT, Clerk of the Works, at the Asylum.
Wilton, March 2, 1851.

CONTRACT for WORKS.—The Committee of the Regent's Canal Company invite parties to TENDER for TAKING DOWN and REBUILDING an OBLIQUE BRIDGE across their Canal, for which the conditions of contract, specifications and drawings may be seen at the Office, up to the hour of one o'clock of TUESDAY, 4th March; and no tender can be received after Twelve o'clock on the following day. Tracings of the drawing and copy of the conditions and specimens will be furnished to intended contractors, on payment of two guineas the set.
Regent's Canal Office, City-road, Basin, 6th March, 1851.

TO BUILDERS.
CONTRACTS for the ERECTION of a Range of WAREHOUSES, a FACTORY, a set of Wood, HOUSES, and a DWELLING-HOUSE, near the Railway Station, Nottingham. Parties desirous of tendering for the whole, or any portion thereof, are requested to communicate with Mr. T. C. HINE, Architect, Nottingham, at whose office the plans and specifications may be seen, and of whom particulars may be obtained as to the time for inspecting the same. Parties tendering will be supplied with copies of the bills of quantities. N.B.—The lowest tender not necessarily accepted.
THOMAS C. HINE, Architect.
Nottingham, March 6th, 1851.

TO BUILDERS.
BUILDERS desirous of CONTRACTING for the several works required to be done in RE-BUILDING the CHURCH at OVERKERSWITH, in the county of Cumberland, are informed that the plans and specification may be seen at the Court House, Cockermouth, or at the office of Mr. Clarke, Architect, 13, Furnival's-place, London, on and after the 20th inst.—Tenders, sealed, and endorsed "Tender for Re-building Overkerswith Church," to be addressed to EDWARD WARDE, Esq., Honorary Secretary to the Building Committee, at Cockermouth, on or before the 31st inst.—Any further information can be obtained by application to the Architect.—The Committee are not pledged to accept the lowest or any tender, unless in every respect satisfactory.

TO GASHOLDER MAKERS, IRONFOUNDERS, AND OTHERS.
THE Directors of the Commercial Gas Company will MEET at the Company's Offices, STEPNEY, on MONDAY, the 24th inst., at Two o'clock, to receive TENDERS for the ERECTION of a TELESCOPE GASHOLDER, 100 feet diameter, with the Columns, Girders, &c. TENDERS will also be received to TELESCOPE one as-first GASHOLDER, now on the Company's Works. Plans and specifications can be seen, and particulars obtained, on application at the Company's Offices, on and after the 12th inst. Tenders sealed and endorsed, "Tender for Gasholder," addressed to the Secretary, must be delivered before Twelve o'clock on the 24th inst. Parties tendering or their agents, to be in attendance at Two o'clock on the said day. The Directors do not bind themselves to accept the lowest tender.—By order of the board.
G. JAQUES, Secretary.
Stepney, 4th March, 1851.

RUGBY LOCAL BOARD of HEALTH. —CONTRACT for IRON PIPES and CASTINGS.—The Board of Health, HERBERT GIFT, Esq., Clerk, hereby give notice that they are prepared to receive TENDERS from parties who may be willing to CONTRACT for the SUPPLY of certain IRON PIPES and CASTINGS, required for purposes of Water Supply of Rugby. The quantity required will be about 300 tons. The drawings may be inspected, and a copy of the specification, together with a form of tender, obtained at the office of the Board. Further explanations may be had by applying to the Engineer to the Board, T. W. KANWELL, Esq., 4, Trafalgar-square, London. Tenders must be sent in to the Office of the Board, together with Specimens of Pipes (carts are paid), on or before the third day of March instant. The Board do not bind themselves to accept the lowest or any other Tender.
By order of the Board.
Rugby, 3rd March, 1851. C. E. WRATISLAW, Clerk.

RUGBY LOCAL BOARD of HEALTH. —CONTRACT FOR GLAZED POTTERY PIPES. The BOARD of HEALTH HEREBY GIVE NOTICE, that they are prepared to receive TENDERS from parties who may be willing to contract for the supply of certain GLAZED POTTERY PIPES for the Sewerage of the town of Rugby. The quantity required will be about 8½ miles. The Drawings may be inspected, and a copy of the Specification, together with a Form of Tender, obtained at the office of the Board. Further explanations may be had by applying to the Engineer to the Board, T. W. KANWELL, Esq., 4, Trafalgar-square, London. Tenders must be sent in to the Office of the Board, together with Specimens of Pipes (carts are paid), on or before the third day of March instant. The Board do not bind themselves to accept the lowest or any other Tender.
By order of the Board.
Rugby, 3rd March, 1851. C. E. WRATISLAW, Clerk.

TO SEWERS.
THE Commissioners for Paving, Lighting, &c., the Skinners' Estate, St. Pancras, will meet at their Rooms, 23, Thanet-street, Euston-square, on THURSDAY, the 13th day of March next, at half past Seven o'clock in the evening precisely, to receive TENDERS and to CONTRACT with some person or persons to CLEANSE THE STREETS and other PLACES on the Estate, to load and cart away the slush and dirt which may be swept or collected together in the said streets and places, and to remove the dust and ashes from the same for one year, and water the same until the 29th of September next, from the 25th day of March next. Separate tenders will be required for the several works and must be delivered at the Commissioners' Rooms not later than Four o'clock in the afternoon of the day of meeting. Forms of tender and further particulars may be obtained on application to the Clerk. The Commissioners are not bound to accept the lowest or any tender.—By order of the Board.
[illegible]
2, Crescent place, Euston-square, March 4, 1851.

TO BOILER PAINTERS.
THE QUADRANT, REGENT-STREET.—The Commissioners of Her Majesty's Woods, &c., have directed the FRONTS of the FIFTY-NINE HOUSES in the Quadrant, Regent-street, to be PAINTED in the year and WASHED in 1852. All persons who may wish to tender for the execution of these works may inspect the specifications thereof prepared by Mr. PENNETHORNE, their architect, at his Office, No. 7, Whitehall-yard, Westminster, any day between the hours of Ten and Four o'clock. The tenders, addressed to sealed covers, and endorsed "Tenders for Painting and Washing the Street Fronts of the Houses in the Regent Quadrant," are to be conveyed to the Commissioners of Her Majesty's Woods, &c., No. 2, Whitehall-place, and to be delivered there on or before twelve o'clock on Tuesday, the 18th day of March next.

TO BUILDERS.
NOTICE IS HEREBY GIVEN, that TENDERS for the various trades of the branches of ARTIFICERS' WORKS, here after mentioned, for the ordnance Department, at the following stations, will be received at the Ordnance Office, Pall-mall, London, on or before the 27th MARCH next, viz.:—at PLYMOUTH, DEVONPORT, and DEPENDENCIES—Masons, Bricklayers, and Plasterers' Work; Carpenters' Work and Ironmongery; Plasterers and Painters' Work; Plumbers, Plasterers, Glaziers, and Paper Hangers' Work; Iron Founders, Smiths, and Copper Smiths' Work. Tenders will be received for all the above trades for each station, stating the rate either above or below the schedule Prices, at which the Works operated will be performed. Tenders will also be received for any one of the above Trades for each station, stating the rate separately either above or below the Schedule Prices, for which the Work will be performed. Conditions and Schedules of the Contracts may be obtained on application, at the Royal Engineers' Office, Devonport, and Barrack Master's Office, at Pembroke Castle, on Week-days, between the hours of nine and eleven, after the 6th proximo, until the 14th proximo.
Royal Engineers' Office, Devonport, 27th February, 1851.

TO BUILDERS, &c.
NOTICE IS HEREBY GIVEN, that the TIME for receiving TENDERS for repairs, WORKS at the NEW WORKHOUSE of the FULHAM UNION is the consequence of a few trifling Alterations, and at the request of several Contractors, EXTENDED to FRIDAY, the 14th March, at 12 o'clock. The Specifications and Drawings may be seen at my office, and also at the Office of Mr. RICHARD THOM, Architect, 24, Little St. Thomas Apostle, who will attend at the Workhouse on Tuesday, the 11th instant, at 11 o'clock, and will accompany the Contractors over the Works at 12.—By order of the Board,
W. D. SALTER, Clerk.
Board Room, Fulham Union Workhouse, March 4, 1851.

TO BUILDERS.
PERSONS desirous of TENDERING for the REPAIRS and ALTERATIONS of EIGHTY-FOUR HOUSES, situated in MARLESTONE, are informed that a lithographed copy of the specification may be examined, obtained, with full information relative to the thirty houses which form the first tender, on application on the office of Architect, Mr. H. BELBY BREAKMAN, 37, Week-street, Maidstone, to whom tenders are to be sent on the 24th instant.

TO BUILDERS AND OTHERS.
PERSONS desirous of TENDERING for the ERECTION of a NEW WORKHOUSE for the FALMOUTH UNION, may, on and after the 18th day of March instant, inspect the drawings and specifications, and obtain all further information on applying to the Clerk of the said Union, or to F. W. PORTER, Esq., Architect, 14, Charlotte-street, Bedford-square, London. The Guardians do not bind themselves to accept the lowest tender, each of which must contain the names and addresses of two responsible sureties for the due performance of the contract. The tenders to be delivered at the office of W. J. GENN, Esq., Falmouth, on or before the 22nd day of March instant.—22nd March, 1851.

TO BUILDERS, CONTRACTORS, AND OTHERS.
PERSONS desirous of TENDERING for certain WORKS required to be done in ERECTING a NEW HOUSE, at Digbeth, Bishop's-stortford, may inspect and copy the Plans and Specifications on and after MONDAY, March the 17th, and obtain any other information at the office of the Surveyor, Watford, Herts, where the Tenders for the said Works are to be delivered, free of expense, on or before Twelve o'clock on MONDAY, the 24th day of March instant. The Contractor will be required to enter into and give the requisite sureties for the due performance of the said Works.
THOMAS LAVENDER, Surveyor, &c.
Watford, Herts.
March 3rd, 1851.
N.B. The Proprietor will not bind himself to accept the lowest or any Tender whatever.

TO BUILDERS, CARPENTERS, SLATERS, AND OTHERS.
THE Board of Guardians of the Merthyr Tydfil Union are ready to receive PROPOSALS for the ERECTION of their new WORKHOUSE at MERTHYR. Parties desirous of tendering for the whole or part, may see the plans, specifications, and form of tender, at the office, on and after Monday, the 17th day of March, 1851, and obtain any further particulars respecting them, by applying to Messrs. ALCKIN and CAPES, the architects, Clare-street, Bristol, and Great Queen-street, London. Contractors to find approved sureties for the due performance of the works, and to have their tenders duly endorsed, sealed, and addressed to under, on or before Monday, the 24th day of March, 1851. The Board do not, however, pledge themselves to accept the lowest or any tender.—By order of the Board.
Merthyr Tydfil, Feb. 27, 1851. FRAN. JAMES, Clerk.

PARISH CONTRACTS.—Messrs. DIRSI and ARMANI beg to inform Parish Authorities that they are open to CONTRACTS for the making and keeping in repair, FOOT PAVEMENTS, PATHS, &c., with their PATENT METALLIC LAVA, or with their newly-invented GRAVEL LAVA.
Messrs. D. & A. are willing to receive payments for work done, by annual instalments.
Specimens may be seen, and every information obtained, at the Offices, 9, Guildhall Chambers, Basinghall-street.